Brain Research, 539 (1991) 358–359
Elsevier

Author Index

Abe, M., Saito, M., Ikeda, H. and Shimazu, T., Increased neuropeptide Y content in the arcuato-paraventricular hypothalamic neuronal system in both insulin-dependent and non-insulin-dependent diabetic rats, 223
Aceves, J., see Bargas, J., 159
Albers, H.E., Rowland, C.M. and Ferris, G.F., Arginine-vasopressin immunoreactivity is not altered by photoperiod or gonadal hormones in the Syrian hamster (*Mesocricetus auratus*), 137
Alexander, B., see Samson, W.K., 347
Alonso, J., Castellano, M.A. and Rodríguez, M., Behavioral lateralization in rats: prenatal stress effects on sex differences, 45
Anderton, B., see Brion, J.-P., 143
Andrioli, G.C., see Bonanno, G., 191

Balasubramaniam, A., see Chance, W.T., 352
Bancher, C., Grundke-Iqbal, I., Fried, V.A., Smith, H.T. and Wisniewski, H.M., Abnormal phosphorylation of tau precedes ubiquitination in neurofibrillary pathology of Alzheimer disease, 11
Bargas, J., Galarraga, E. and Aceves, J., Dendritic activity on neurostriatal neurons as inferred from somatic intracellular recordings, 159
Barlet, J., Bouvier, C., Schreiber, L. and Boquillon, M., Effect of acidosis on lipid peroxidation in brain slices, 174
Bauer, H.-C., see Tontsch, U., 247
Birt, D., see Woody, C.D., 76
Boja, J.W., see Lew, R., 239
Bonanno, G., Ruelle, A., Andrioli, G.C. and Raiteri, M., Cholinergic nerve terminals of human cerebral cortex possess a GABA transporter whose activation induces release of acetylcholine, 191
Boquillon, M., see Barlet, J., 174
Bouvier, C., see Barlet, J., 174
Braun, K., Scheich, H., Braun, S., Rogers, J.H. and Heizmann, C.W., Parvalbumin-, calretinin- and calbindin-D28k-immunoreactivity and GABA in a forebrain region involved in auditory filial imprinting, 31
Braun, S., see Braun, K., 31
Brimijoin, S., see Mesulam, M.-M., 233
Brion, J.-P., Couck, A.-M., Bruce, M., Anderton, B. and Flament-Durand, J., Synaptophysin and chromogranin A immunoreactivities in senile plaques of Alzheimer's disease, 143
Bruce, M., see Brion, J.-P., 143
Buda, C., see Denoyer, M., 287
Butcher, L.L., see Di Patre, P.L., 126
Byrne, J.H., see Nazif, F.A., 324

Campbell, M.J., Hof, P.R. and Morrison, J.H., A subpopulation of primate cortico-cortical neurons is distinguished by somatodendritic distribution of neurofilament protein, 133
Candy, J., see Shaw, P.J., 164
Castellano, M.A., see Alonso, J., 45
Chan, J. and Greenberg, D.A., Intracellular calcium in NCB-20 cells: elevation by depolarization and ethanol but not by glutamate, 328
Chance, W.T., Balasubramaniam, A., Zhang, F.S., Wimalawansa, S.J. and Fischer, J.E., Anorexia following the intrahypothalamic administration of amylin, 352
Chong, N.W.S., see Sugden, D., 151
Cleary, L.J., see Nazif, F.A., 324
Clemens, L.G., see Wagner, C.K., 254
Colpaert, F.C., see Millan, M.J., 342
Cools, A.R., see Spooren, W.P.J.M., 85
Cosgrove, R., see Mesulam, M.-M., 233
Couck, A.-M., see Brion, J.-P., 143

Daley, S.J., see Leigh, K.E., 271
Dennis, T., Fournier, A., Guard, S., St. Pierre, S. and Quirion, R., Calcitonin gene-related peptide (hCGRPα) binding sites in the nucleus accumbens. Atypical structural requirements and marked phylogenic differences, 59
Denoyer, M., Sallanon, M., Buda, C., Kitahama, K. and Jouvet, M., Neurotoxic lesion of the mesencephalic reticular formation and/or the posterior hypothalamus does not alter waking in the cat, 287
Di Patre, P.L. and Butcher, L.L., Cholinergic fiber perturbations and neuritic outgrowth produced by intrafimbrial infusion of the neurofilament-disrupting agent 2,5-hexanedione, 126
Dietl, M.M. and Palacios, J.M., Phylogeny of tachykinin receptor localization in the vertebrate central nervous system: apparent absence of neurokinin-2 and neurokinin-3 binding sites in the human brain, 211

Elisevich, K., see Leigh, K.E., 271
Erneux, C., see Mailleux, P., 203

Ferris, G.F., see Albers, H.E., 137
Fine, A., see Robertson, G.S., 304
Fischer, J.E., see Chance, W.T., 352
Fittro, K.P., see Watson, D.F., 103
Flament-Durand, J., see Brion, J.-P., 143
Fournier, A., see Dennis, T., 59
Fox, C.A., see Handa, R.J., 6
Fried, V.A., see Bancher, C., 11
Fukuda, H., see Hirayama, T., 320
Fukuda, N., see Hashimoto, T., 263

Galarraga, E., see Bargas, J., 159
Gaudet, S., Palkovits, M. and Namboodiri, M.A.A., Regional distribution of arylamine and arylalkylamine *N*-acetyltransferase activities in the rat brain, 355
Gebhart, R., Cytochemical demonstration of aspartate aminotransferase activity in the rat retina, 337
Geula, C., see Mesulam, M.-M., 233
Gluntz, S., see Samson, W.K., 347
Gómez-Sánchez, C.E., see Samson, W.K., 347
Graziadei, P.P.C., see Zigova, T., 51
Greenberg, D.A., see Chan, J., 328
Griffin, J.W., see Watson, D.F., 103
Grigoriadis, D., see Lew, R., 239
Groenewegen, H.J., see Spooren, W.P.J.M., 85
Gruen, E., see Woody, C.D., 76
Grundke-Iqbal, I., see Bancher, C., 11
Guard, S., see Dennis, T., 59

Halaris, A.E., see Widdowson, P.S., 196
Handa, R.J., Rodriguez, E.W., Fox, C.A. and Jacobson, C.D., Characterization and distribution of estrogen receptors in the diencephalon of the gray short-tailed opossum, 6
Hashimoto, T. and Fukuda, N., Contribution of serotonin neurons to the functional recovery after spinal cord injury in rats, 263
Heil, P. and Scheich, H., Functional organization of the avian auditory cortex analogue. I. Topographic representation of isointensity bandwidth, 110
Heil, P. and Scheich, H., Functional organization of the avian auditory cortex analogue. II. Topographic distribution of latency, 121
Heizman, C.W., see Braun, K., 31
Hirayama, T., Ono, H. and Fukuda, H., Functional supersensitivity of α_1-adrenergic system in spinal ventral horn is due to absence of an uptake system and not to postsynaptic change, 320
Hof, P.R., see Campbell, M.J., 133
Hoffman, P.N. and Watson, D.F., 103
Huang, F.-L.S., see Samson, W.K., 347

Ikeda, H., see Abe, M., 223
Ince, P.G., see Shaw, P.J., 164

Jacobson, C.D., see Handa, R.J., 6
Johnson, M., see Shaw, P.J., 164
Jouvet, M., see Denoyer, M., 287
Justice Jr., J.B., see Petti, H.O., 94

Kanda, T., see Nuomoto, M., 276
Kaneko, T., see Nuomoto, M., 276
Khayari, A., Math, F. and Trotier, D., Odorant-evoked potassium changes in the frog olfactory epithelium, 1
Kitahama, K., see Denoyer, M., 287
Kordower, J.H., see Mufson, E.J., 19
Kuhar, M.J., see Lew, R., 239

Lazdunski, M., see Schaeffer, P., 155
Leigh, K.E., Elisevich, K., Daley, S.J. and

Brain Research, 539 (1991) 358–359
Elsevier

Author Index

Abe, M., Saito, M., Ikeda, H. and Shimazu, T., Increased neuropeptide Y content in the arcuato-paraventricular hypothalamic neuronal system in both insulin-dependent and non-insulin-dependent diabetic rats, 223
Aceves, J., see Bargas, J., 159
Albers, H.E., Rowland, C.M. and Ferris, G.F., Arginine-vasopressin immunoreactivity is not altered by photoperiod or gonadal hormones in the Syrian hamster (*Mesocricetus auratus*), 137
Alexander, B., see Samson, W.K., 347
Alonso, J., Castellano, M.A. and Rodríguez, M., Behavioral lateralization in rats: prenatal stress effects on sex differences, 45
Anderton, B., see Brion, J.-P., 143
Andrioli, G.C., see Bonanno, G., 191

Balasubramaniam, A., see Chance, W.T., 352
Bancher, C., Grundke-Iqbal, I., Fried, V.A., Smith, H.T. and Wisniewski, H.M., Abnormal phosphorylation of tau precedes ubiquitination in neurofibrillary pathology of Alzheimer disease, 11
Bargas, J., Galarraga, E. and Aceves, J., Dendritic activity on neurostriatal neurons as inferred from somatic intracellular recordings, 159
Barlet, J., Bouvier, C., Schreiber, L. and Boquillon, M., Effect of acidosis on lipid peroxidation in brain slices, 174
Bauer, H.-C., see Tontsch, U., 247
Birt, D., see Woody, C.D., 76
Boja, J.W., see Lew, R., 239
Bonanno, G., Ruelle, A., Andrioli, G.C. and Raiteri, M., Cholinergic nerve terminals of human cerebral cortex possess a GABA transporter whose activation induces release of acetylcholine, 191
Boquillon, M., see Barlet, J., 174
Bouvier, C., see Barlet, J., 174
Braun, K., Scheich, H., Braun, S., Rogers, J.H. and Heizmann, C.W., Parvalbumin-, calretinin- and calbindin-D28k-immunoreactivity and GABA in a forebrain region involved in auditory filial imprinting, 31
Braun, S., see Braun, K., 31
Brimijoin, S., see Mesulam, M.-M., 233
Brion, J.-P., Couck, A.-M., Bruce, M., Anderton, B. and Flament-Durand, J., Synaptophysin and chromogranin A immunoreactivities in senile plaques of Alzheimer's disease, 143
Bruce, M., see Brion, J.-P., 143
Buda, C., see Denoyer, M., 287
Butcher, L.L., see Di Patre, P.L., 126
Byrne, J.H., see Nazif, F.A., 324

Campbell, M.J., Hof, P.R. and Morrison, J.H., A subpopulation of primate cortico-cortical neurons is distinguished by somatodendritic distribution of neurofilament protein, 133
Candy, J., see Shaw, P.J., 164
Castellano, M.A., see Alonso, J., 45
Chan, J. and Greenberg, D.A., Intracellular calcium in NCB-20 cells: elevation by depolarization and ethanol but not by glutamate, 328
Chance, W.T., Balasubramaniam, A., Zhang, F.S., Wimalawansa, S.J. and Fischer, J.E., Anorexia following the intrahypothalamic administration of amylin, 352
Chong, N.W.S., see Sugden, D., 151
Cleary, L.J., see Nazif, F.A., 324
Clemens, L.G., see Wagner, C.K., 254
Colpaert, F.C., see Millan, M.J., 342
Cools, A.R., see Spooren, W.P.J.M., 85
Cosgrove, R., see Mesulam, M.-M., 233
Couck, A.-M., see Brion, J.-P., 143

Daley, S.J., see Leigh, K.E., 271
Dennis, T., Fournier, A., Guard, S., St. Pierre, S. and Quirion, R., Calcitonin gene-related peptide (hCGRPα) binding sites in the nucleus accumbens. Atypical structural requirements and marked phylogenic differences, 59
Denoyer, M., Sallanon, M., Buda, C., Kitahama, K. and Jouvet, M., Neurotoxic lesion of the mesencephalic reticular formation and/or the posterior hypothalamus does not alter waking in the cat, 287
Di Patre, P.L. and Butcher, L.L., Cholinergic fiber perturbations and neuritic outgrowth produced by intrafimbrial infusion of the neurofilament-disrupting agent 2,5-hexanedione, 126
Dietl, M.M. and Palacios, J.M., Phylogeny of tachykinin receptor localization in the vertebrate central nervous system: apparent absence of neurokinin-2 and neurokinin-3 binding sites in the human brain, 211

Elisevich, K., see Leigh, K.E., 271
Erneux, C., see Mailleux, P., 203

Ferris, G.F., see Albers, H.E., 137
Fine, A., see Robertson, G.S., 304
Fischer, J.E., see Chance, W.T., 352
Fittro, K.P., see Watson, D.F., 103
Flament-Durand, J., see Brion, J.-P., 143
Fournier, A., see Dennis, T., 59
Fox, C.A., see Handa, R.J., 6
Fried, V.A., see Bancher, C., 11
Fukuda, H., see Hirayama, T., 320
Fukuda, N., see Hashimoto, T., 263

Galarraga, E., see Bargas, J., 159
Gaudet, S., Palkovits, M. and Namboodiri, M.A.A., Regional distribution of arylamine and arylalkylamine *N*-acetyltransferase activities in the rat brain, 355
Gebhart, R., Cytochemical demonstration of aspartate aminotransferase activity in the rat retina, 337
Geula, C., see Mesulam, M.-M., 233
Gluntz, S., see Samson, W.K., 347
Gómez-Sánchez, C.E., see Samson, W.K., 347
Graziadei, P.P.C., see Zigova, T., 51
Greenberg, D.A., see Chan, J., 328
Griffin, J.W., see Watson, D.F., 103
Grigoriadis, D., see Lew, R., 239
Groenewegen, H.J., see Spooren, W.P.J.M., 85
Gruen, E., see Woody, C.D., 76
Grundke-Iqbal, I., see Bancher, C., 11
Guard, S., see Dennis, T., 59

Halaris, A.E., see Widdowson, P.S., 196
Handa, R.J., Rodriguez, E.W., Fox, C.A. and Jacobson, C.D., Characterization and distribution of estrogen receptors in the diencephalon of the gray short-tailed opossum, 6
Hashimoto, T. and Fukuda, N., Contribution of serotonin neurons to the functional recovery after spinal cord injury in rats, 263
Heil, P. and Scheich, H., Functional organization of the avian auditory cortex analogue. I. Topographic representation of isointensity bandwidth, 110
Heil, P. and Scheich, H., Functional organization of the avian auditory cortex analogue. II. Topographic distribution of latency, 121
Heizman, C.W., see Braun, K., 31
Hirayama, T., Ono, H. and Fukuda, H., Functional supersensitivity of α_1-adrenergic system in spinal ventral horn is due to absence of an uptake system and not to postsynaptic change, 320
Hof, P.R., see Campbell, M.J., 133
Hoffman, P.N. and Watson, D.F., 103
Huang, F.-L.S., see Samson, W.K., 347

Ikeda, H., see Abe, M., 223
Ince, P.G., see Shaw, P.J., 164

Jacobson, C.D., see Handa, R.J., 6
Johnson, M., see Shaw, P.J., 164
Jouvet, M., see Denoyer, M., 287
Justice Jr., J.B., see Petti, H.O., 94

Kanda, T., see Nuomoto, M., 276
Kaneko, T., see Nuomoto, M., 276
Khayari, A., Math, F. and Trotier, D., Odorant-evoked potassium changes in the frog olfactory epithelium, 1
Kitahama, K., see Denoyer, M., 287
Kordower, J.H., see Mufson, E.J., 19
Kuhar, M.J., see Lew, R., 239

Lazdunski, M., see Schaeffer, P., 155
Leigh, K.E., Elisevich, K., Daley, S.J. and

Rogers, K.A., Effects of injection mechanics, pH of infusate and 6-hydroxydopamine on cerebromicrovascular permeability in rats, 271
Lew, R., Grigoriadis, D., Wilson, A., Boja, J.W., Simantov, R. and Kuhar, M.J., Dopamine transporter: deglycosylation with exo-and endoglycosidases, 239

Mailleux, P., Takazawa, K., Erneux, C. and Vanderhaeghen, J.-J., Inositol 1,4,5-trisphosphate 3-kinase distribution in the rat brain. High levels in the hippocampal CA1 pyramidal and cerebellar Purkinje cells suggest its involvement in some memory processes, 203
Mash, D., see Mesulam, M.-M., 233
Math, F., see Khayari, A., 1
Matsukawa, K., see Wilson, L.B., 316
Mesulam, M.-M., Geula, C., Cosgrove, R., Mash, D. and Brimijoin, S., Immunocytochemical demonstration of axonal and perikaryal acetylcholinesterase in human cerebral cortex, 233
Millan, M.J. and Colpaert, F.C., α_2 Receptors mediate the antinociceptive action of 8-OH-DPAT in the hot plate test in mice, 342
Mitchell, J.H., see Wilson, L.B., 316
Monti Graziadei, A.G., see Zigova, T., 51
Mori-Okamoto, J., Namii, Y. and Tatsuno, J., Subtypes of adrenergic receptors and intracellular mechanisms involved in modulatory effects of noradrenaline on glutamate, 67
Morrison, J.H., see Campbell, M.J., 133
Mufson, E.J., Presley, L.N. and Kordower, J.H., Nerve growth factor receptor immunoreactivity within the nucleus basalis (Ch4) in Parkinson's disease: reduced cell numbers and co-localization with cholinergic neurons, 19

Nadelhaft, I. and Vera, P.L., Conduction velocity distribution of afferent fibers in the female rat hypogastric nerve, 228
Nakagawa, S., see Nakamura, H., 312
Nakamura, H., Yada, T., Saheki, T., Noda, T. and Nakagawa, S., L-Argininosuccinate modulates L-glutamate response in acutely isolated cerebellar neurons of immature rat, 312
Namboodiri, M.A.A., see Gaudet, S., 355
Namii, Y., see Mori-Okamoto, J., 67
Nazif, F.A., Byrne, J.H. and Cleary, L.J., cAMP induces long-term morphological changes in sensory neurons of *Aplysia*, 324
Noda, T., see Nakamura, H., 312
Nuomoto, M., Yoshihara, T., Kanda, T. and Kaneko, T., Synapse formation by autonomic nerves in the previously denervated neuromuscular junctions of the feline intrinsic laryngeal muscles, 276

Ono, H., see Hirayama, T., 320

Palacios, J.M., see Dietl, M.M., 211
Palkovits, M., see Gaudet, S., 355
Pan, H.S. and Wang, R.Y., MDMA: further evidence that its action in the medial prefrontal cortex is mediated by the serotonergic system, 332
Patrickson, J.W., Smith, T.E. and Zhou, S.-S., Afferent projections of the superior and recurrent laryngeal nerves, 169
Perry, E.K., see Shaw, P.J., 164
Petti, H.O. and Justice Jr., J.B., Effect of dose on cocaine self-administration behavior and dopamine levels in the nucleus accumbens, 94
Pockberger, H., Electrophysiological and morphological properties of rat motor cortex neurons in vivo, 181
Presley, L.N., see Mufson, E.J., 19

Quirion, R., see Dennis, T., 59

Raiteri, M., see Bonanno, G., 191
Robertson, G.S., Fine, A. and Robertson, H.A., Dopaminergic grafts in the striatum reduce D_1 but not D_2 receptor-mediated rotation in 6-OHDA-lesioned rats, 304
Robertson, H.A. see Robertson, G.S., 304
Rodriguez, E.W., see Handa, R.J., 6
Rodríguez, M., see Alonso, J., 45
Rogers, J.H., see Braun, K., 31
Rogers, K.A., see Leigh, K.E., 271
Rowland, C.M., see Albers, H.E., 137
Ruelle, A., see Bonanno, G., 191

Saheki, T., see Nakamura, H., 312
Saito, M., see Abe, M., 223
Sallanon, M., see Denoyer, M., 287
Samson, W.K., Skala, K., Huang, F.-L.S., Gluntz, S., Alexander, B. and Gómez-Sánchez, C.E., Central nervous system action of endothelin-3 to inhibit water drinking in the rat, 347
Schaeffer, P. and Lazdunski, M., K^+ efflux pathways and neurotransmitter release associated to hippocampal ischemia: effects of glucose and of K^+ channel blockers, 155
Scheich, H., see Braun, K., 31
Scheich, H., see Heil, P., 110
Scheich, H., see Heil, P., 121
Schreiber, L., see Barlet, J., 174
Shaw, P.J., Ince, P.G., Johnson, M., Perry, E.K. and Candy, J., The quantitative autoradiographic distribution of [^{3}H]MK-801 binding sites in the normal human spinal cord, 164
Shimazu, T., see Abe, M., 223
Simantov, R., see Lew, R., 239
Skala, K., see Samson, W.K., 347
Smith, H.T., see Bancher, C., 11
Smith, T.E., see Patrickson, J.W., 169
Spooren, W.P.J.M., Groenewegen, H.J. and Cools, A.R., Subregions of the caudate nucleus and their in- and output channels in oro-facial dyskinesia: a behavioural and retrograde tracing study in the cat, 85
St. Pierre, S., see Dennis, T., 59
Sugden, D. and Chong, N.W.S., Pharmacological identity of 2-[^{125}I]iodomelatonin binding sites in chicken brain and sheep pars tuberalis, 251

Takazawa, K., see Mailleux, P., 203
Tatsuno, J., see Mori-Okamoto, J., 67
Tontsch, U. and Bauer, H.-C., Glial cells and neurons induce blood–brain barrier related enzymes in cultured cerebral endothelial cells, 247
Trotier, D., see Khayari, A., 1

Vanderhaeghen, J.-J., see Mailleux, P., 203
Vera, P.L., see Nadelhaft, I., 228

Wagner, C.K. and Clemens, L.G., Projections of the paraventricular nucleus of the hypothalamus to the sexually dimorphic lumbosacral region of the spinal cord, 254
Wall, P.T., see Wilson, L.B., 316
Wang, R.Y., see Pan, H.S., 332
Watson, D.F., Fittro, K.P., Hoffman, P.N. and Griffin, J.W., Phosphorylation-related immunoreactivity and the rate of transport of neurofilaments in chronic 2,5-hexanedione intoxication, 103
Widdowson, P.S. and Halaris, A.E., Chronic desipramine treatment reduces regional neuropeptide Y binding to Y_2-type receptors in rat brain, 196
Wilson, A., see Lew, R., 239
Wilson, L.B., Wall, P.T., Matsukawa, K. and Mitchell, J.H., Multiplicity of the afferent pathways mediating the exercise pressor reflex, 316
Wimalawansa, S.J., see Chance, W.T., 352
Wisniewski, H.M., see Bancher, C., 11
Woody, C.D., Gruen, E. and Birt, D., Changes in membrane currents during Pavlovian conditioning of single cortical neurons, 76

Yada, T., see Nakamura, H., 312
Yoshihara, T., see Nuomoto, M., 276

Zhang, F.S., see Chance, W.T., 352
Zhou, S.-S., see Patrickson, J.W., 169
Zigova, T., Graziadei, P.P.C. and Monti Graziadei, A.G., Olfactory bulb transplantation into the olfactory bulb of neonatal rats: an autoradiographic study, 51